



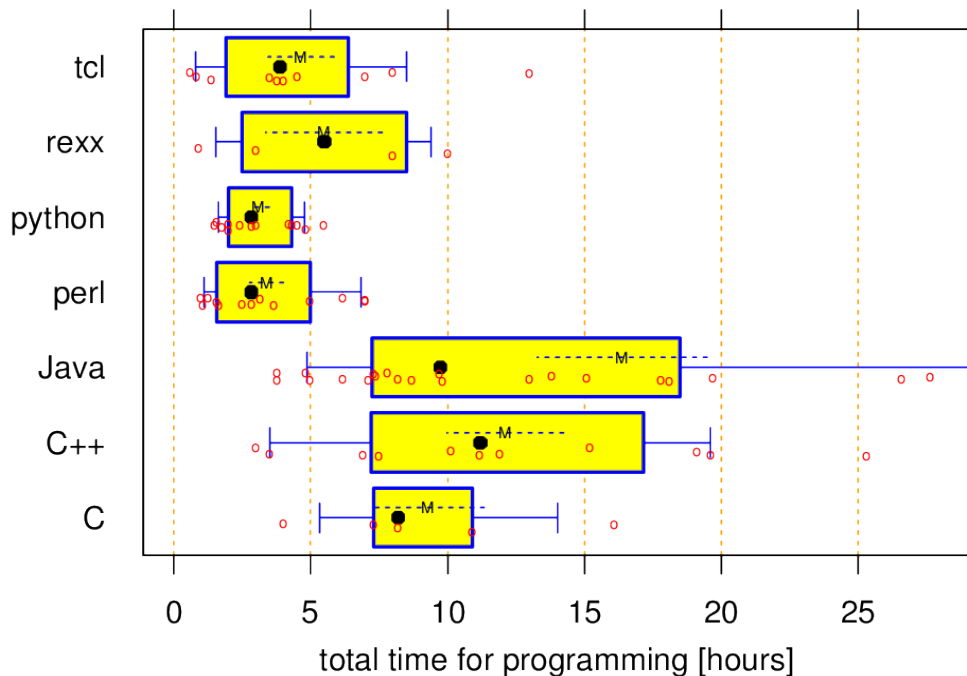
Prototyping and developing apps with  
Python, PySide, and QML

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# Presentation Overview

- Project background
- Packaging
- Available APIs
- Live coding
- More information

# Why Python?



Prechelt, L: An empirical comparison of C, C++, Java, Perl, Python, Rexx, and Tcl. IEEE Computer, 2000.

# Why Python?

- Garbage-collected
- No need for cross-compiling
- Closures, list comprehensions, etc..

# Project Background

- PyMaemo
- PySide
- Python in MeeGo

# Packaging

- MeeGo: bdist\_rpm / spectacle
- Maemo: stdeb
- WIP: PySide Assistant (“psa”)

# Available APIs - Qt

- Complete Qt Frameworks
  - Core, Declarative, Gui, Network, OpenGL, ...
- Qt Mobility
  - Contacts, Connectivity, Feedback, Location, Messaging, MultimediaKit, Sensors, ServiceFramework, SystemInfo, Versit

# Live coding demo

# Upcoming APIs

- Content Framework
- Context Framework
- QtSparql

# PySide @ MeeGo N900 DE

- Python and PySide pre-installed on the MeeGo N900 Developer Edition image

<http://wiki.meego.com/N900>

# More Information



[wiki.meego.com/Python](http://wiki.meego.com/Python)